

-5 BRS:

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- ❌ L1: (194217) "348"/\$.ccls. or "725"/\$.ccls. or "455"/\$.ccls.
- ❌ L2: (1294) L1 and (("radio frequency" or RF) near2 tuner)
- ❌ L3: (741) L2 and (analog and digital)
- ❌ L4: (72) L3 and "quadrature signal"
- ❌ L5: (9) L4 and ((analog or digital) near5 demodulator)
- ❌ L6: (0) 5 and "aliasing frequency"
- ❌ L7: (6) L3 and "quadrature signal".clm.
- ❌ L8: (0) 5 and "aliasing frequency".clm.
- ❌ L9: (425) 1 and (tuner near5 arrangement)
- ❌ L10: (115) 9 and "low pass filter"
- ❌ L11: (54) 10 and baseband
- ❌ L12: (1) 11 and "anti-alias filter"

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- ❌ S2: (1143) S1 and (("radio frequency" or RF) near2 tuner)
- ❌ S4: (1) S3 and "dual analog digital converter"
- ❌ S1: (160177) "348"/\$.ccls. or "725"/\$.ccls. or "455"/\$.ccls.
- ❌ S6: (1) S3 and "digital quadrature signal"
- ❌ S3: (650) S2 and (analog and digital)
- ❌ S5: (62) S3 and "quadrature signal"
- ❌ S7: (5) S5 and (digital near5 "quadrature signal")

(19) **United States**
(12) **Patent Application Publication**
Cowley et al.

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(11) Pub. Date: Jul. 8, 2004

(54) RADIO FREQUENCY TUNER	(59) Foreign Application Priority Date
(73) Inventors: Nicholas Paul Conley, Wingham (GB); Richard Conley, Sweden (GB)	Oct. 19, 2002 (GB) 02/24372 A
	Publication Classification

Correspondence Address:
 Lester J. Vignani
 HAKELLY, SOMCHINE, FATTOM & ZAFMAN
 LLP
 Seventh Floor
 12400 Wilshire Boulevard
 Los Angeles, CA 90025 (U.S.)

(1) Appl. No.:	12-423,204
(2) Filed:	Oct. 16, 2003

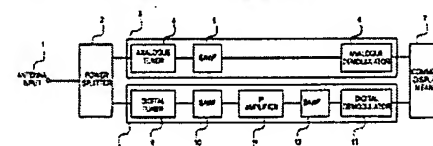
(30) Foreign Application Priority Date
Oct. 19, 2002 (GB)..... 0224797.6

Publications Cited

(51) Int. Cl.⁷ H04B 1/00
(52) U.S. Cl. 455/306

ABSTRACT

A theory for analogically and digitally radiolabeled signal detectors is a single most convenient for converting any selected analog or digital channel to horizontal or vertical coordinates. Signal samples are then passed through a digital-to-analog converter to an ADC to the digital domain. A digital signal processor performs channel filtering and signal correction and supplies a signal to a digital-to-analog converter. The processed digital signals are also supplied to a digital-to-analog converter.



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1	<input type="checkbox"/>	<input type="checkbox"/>	US 20040132422 A1	20040708	6	Radio frequency tuner	455/306			Cowley, Nicholas Paul et al.

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- ❖ S2: (1143) S1 and ("radio frequency" or RF) near2 tuner)
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1	<input type="checkbox"/>	<input type="checkbox"/>	US 20040132422 A1	20040708	6	Radio frequency tuner	455/306			Cowley, Nicholas Paul et al.

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S5: (62) S3 and "quadrature signal"

S7: (5) S5 and (digital near5 "quadrature signal")

S13: (3) S5 and "anti alias filter"

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5 and "aliasing frequency".clm.

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